

BULLETIN VOLCANOLOGIQUE

**Journal of the International Association
of Volcanology and Chemistry of
the Earth's Interior**

VOL. 40

BUVOAS 40(1-4) 1-268 (1976-77)

Printed by
STABILIMENTO TIPOGRAFICO FRANCESCO GIANNINI & FIGLI
Via Cisterna dell'Olio - Napoli, Italy
1978

Digitized by the Internet Archive
in 2023 with funding from
Kahle/Austin Foundation

Fasc. 1

G. A. HAHN, R. G. H. RAYNOLDS, R. A. WOOD, <i>The Geology of the Angareb Ring Dike Complex, Northwestern Ethiopia</i>	pag. 1
C. CAPALDI, L. CIVETTA, P. GASPARINI, <i>Volcanic History of the Island of Ischia (South Italy)</i>	» 11
W. I. ROSE, JR., T. PEARSON, S. BONIS, <i>Nuée Ardente Eruption from the Foot of a Dacite Lava Flow, Santiaguito Volcano, Guatemala</i>	» 23
M. R. GHIARA, L. LIRER, <i>Mineralogy and Geochemistry of the « Low Potassium » Series of the Roccamonfina Volcanic Suite (Campania, South Italy)</i>	» 39
I. McDUGALL, H.-U. SCHMINCKE, <i>Geochronology of Gran Canaria, Canary Islands: Age of Shield Building Volcanism and Other Magmatic Phases</i>	» 57

Fasc. 2

SOVIET GEOPHYSICAL COMMITTEE, <i>Memorial to Georgii Stephanovich Gorshkov (1921-1975)</i>	pag. 79
Y. KAST, M. GIROD, <i>Refroidissement d'un système de dykes et d'une chambre magmatique sous-jacente</i>	» 85
F. D'AMORE, J. C. SABROUX, <i>Signification de la présence de radon 222 dans les fluides géothermiques</i>	» 106
G. S. STEINBERG, <i>On the Determination of the Energy and Depth of Volcanic Explosions (Paper dedicated to G. S. Gorshkov)</i>	» 116
M. BOCCALETTI, F. INNOCENTI, P. MANETTI, R. MAZZUOLI, A. MOTAMED, G. PASQUARE, F. RADICATI DI BROZOLO, E. AMIN SOBHANI, <i>Neogene and Quaternary Volcanism of the Bijar Area (Western Iran)</i>	» 121

Fasc. 3

D. A. EMILIA, B. J. LAST, C. A. WOOD, F. M. DAKIN, <i>Geophysics and Geology of an Explosion Crater in the Ethiopian Rift Valley</i>	pag. 133
J. LOPEZ-RUIZ, E. R. BADIOLA, L. GARCIA CACHO, <i>Origine des grenats des roches calcaires du Sud-Est de l'Espagne</i>	» 141
L. BECCALUVA, M. DERIU, G. MACCIOTTA, C. SAVELLI, G. VENTURELLI, <i>Geochronology and Magmatic Character of the Pliocene-Pleistocene Volcanism in Sardinia (Italy)</i>	» 153
G. CORRADO, I. GUERRA, A. LO BASCIO, G. LUONGO, R. RAMPOLDI, <i>Inflation and Micro-earthquake Activity of Phlegraean Fields, Italy</i>	» 169
H. TAZIEFF, <i>An Exceptional Eruption: Mt. Niragongo, Jan. 10th, 1977</i>	» 189
D. J. MILTON, <i>Qal'eh Hasan Ali Maars, Central Iran</i>	» 201

Fasc. 4

S. D. WEAVER, <i>The Quaternary Caldera Vocano Emuruangogolak, Kenya Rift, and the Petrology of a Bimodal Ferrobalt - Pantelleritic Trachyte Association</i> . . .	pag. 209
T. UI, K. NAKAMURA, K. SHIBAHASHI, <i>1974 Activity of Chokai Volcano, Japan</i> . . .	» 231
J. C. TANGUY, G. KIEFFER, <i>The 1974 Eruption of Mount Etna</i>	» 239
J. DOSTAL, S. CAPEDEI, C. A. R. DE ALBUQUERQUE, <i>Calc-alkaline Volcanic Rocks from NW Sardinia: Evaluation of a Fractional Crystallization Model</i>	» 253
S. T. BALESTA, A. I. FARBEROV, V. S. SMIRNOV, A. A. TARAKANOVSKY, M. I. ZUBIN, <i>Deep Crustal Structure of the Kamchatkan Volcanic Regions</i>	» 260